FFPE sectionPICK is designed to collect FFPE tissue sections mounted on slides. It is not designed for the collection of stained sections.

Its shape is designed to collect the tissue scraped from the slide at the end of the tool. The sample is then easily transferred to a Covaris microTUBE.

FFPE sectionWARMER is designed to warm the FFPE section mounted on a slide, and such facilitate its collect with the FFPE sectionPICK.

FFPE sectionPICK and sectionWARMER are designed to be used with Covaris truXTRAC™ kits for DNA and RNA extraction from FFPE samples.

<table>
<thead>
<tr>
<th>ORDERING INFORMATION</th>
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<tbody>
<tr>
<td>Name</td>
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<tr>
<td>FFPE sectionPICK</td>
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<td>FFPE sectionWARMER</td>
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<tr>
<td>truXTRAC FFPE DNA Extraction Kit</td>
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<tr>
<td>truXTRAC 8-strip FFPE DNA Extraction Kit</td>
</tr>
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<td>truXTRAC FFPE RNA Extraction Kit</td>
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CAUTION: Use of these products requires a compatible dry block heater. See below a list of compatible heaters

Compatible heater:
- We recommend a VWR digital dry block heater from the 12621 product range.
  - PN 12621-084 for 110V customers
  - PN 12621-086 for 230V customers.
- For other compatible heater, please check Appendix A and the nominal dimensions of the FFPE sectionWARMER.

CAUTION: Before first use, the heater and sectionWARMER should be calibrated. Please see Appendix B for a procedure.
INSTRUCTIONS FOR USE

1. Place FFPE sectionWARMER in heater as shown in figure 1

2. Set the heater temperature to 37°C
3. Wait for the temperature to reach the set point
4. Open the receiving Covaris microTUBE and place it in the designed hole
5. Place the FFPE tissue section slide in the slot as shown in figure 2 (tissue side up) and wait for 30 seconds.

6. Using the FFPE sectionPICK as a scraper, remove the tissue from the slide (figure 3)
   a. Only the desired tissue areas should be removed, paraffin should be left on the slide
   b. Hold the sectionPICK at a 45-50° angle to the slide. Then pressing down firmly advance the PICK 5-6 mm scraping the tissue as you go. Then draw the pick back to the starting position and check to see if all the tissue has been scraped away. If tissue still remains scrape the area again. For some slide it maybe necessary to scrape the same area 2-3 times. Continue scraping small areas of tissue as above, until you have collected all the desired tissue from the slide.

7. The sample will collect in the narrow end of the FFPE sectionPICK
8. Transfer the sample using tweezers into a Covaris microTUBE and proceed to extraction with Covaris truXTRAC
Appendix A - Nominal Dimensions (in millimeters)

Appendix B – Calibration procedure

1. Place a thermometer in the hole in one corner of the section WARMER, as shown on the figure above
2. Set the heater temperature to 37°C (Tset)
3. Wait for the heater to reach the set point
4. Check temperature displayed by the thermometer (Tth)
5. If Tth is between 35°C and 39°C, calibration is correct
6. Otherwise, calculate a new temperature set point with the formula below

\[ \text{New Temperature set point (°C)} = T_{set} + (T_{set} - T_{th}) \]